

1646 # Box Seq

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Approved for use through 10/31/2002. PTO/SB/21 (08-00) OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number 09/749,589

Filing Date 12/28/2000

First Named Inventor GUEGLER, Karl

Group Art Unit 1646

Examiner Name ULM, John D.

Total Number of Pages in This Submission

Attorney Docket Number CL000861

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ENCLOSURES (check all that apply)

☒ Fee Transmittal Form

☐ Fee Attached

☒ Amendment / Reply

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/ Incomplete Application

☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

☒ Assignment Papers (for an Application)

☒ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a Provisional Application

☐ Power of Attorney, Revocation Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) _____

☐ After Allowance Communication to Group

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s) (please identify below):

Sequence Listing Diskette; and

Sequence Listing Submission Statement

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name

Lin Sun-Hoffman, Ph.D. Reg. No. 47,983

Signature

Date

01/15/2003

CERTIFICATE OF MAILING

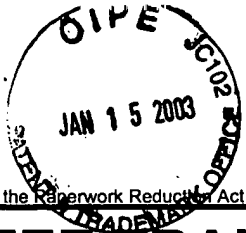
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

Typed or printed name

Signature

Date

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 150

C mplete if Known

| | |
|----------------------|----------------------|
| Application Number | 09/749,589 |
| Filing Date | December 28, 2000 |
| First Named Inventor | GUEGLER, Karl et al. |
| Examiner Name | ULM, John D. |
| Art Unit | 1646 |
| Attorney Docket No. | CL000861 |

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METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number
50-0970Deposit Account Name
CELERA GENOMICS

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 1001 750 | 2001 375 | Utility filing fee | |
| 1002 330 | 2002 165 | Design filing fee | |
| 1003 520 | 2003 260 | Plant filing fee | |
| 1004 750 | 2004 375 | Reissue filing fee | |
| 1005 160 | 2005 80 | Provisional filing fee | |

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Total Claims | -20** = | X | |
| Independent Claims | -3** = | X | |
| Multiple Dependent | | | |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|--|
| 1202 18 | 2202 9 | Claims in excess of 20 |
| 1201 84 | 2201 42 | Independent claims in excess of 3 |
| 1203 280 | 2203 140 | Multiple dependent claim, if not paid |
| 1204 84 | 2204 42 | ** Reissue independent claims over original patent |
| 1205 18 | 2205 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|--|
| 1051 130 | 2051 65 | Surcharge - late filing fee or oath |
| 1052 50 | 2052 25 | Surcharge - late provisional filing fee or cover sheet |
| 1053 130 | 1053 130 | Non-English specification |
| 1812 2,520 | 1812 2,520 | For filing a request for <i>ex parte</i> reexamination |
| 1804 920* | 1804 920* | Requesting publication of SIR prior to Examiner action |
| 1805 1,840* | 1805 1,840* | Requesting publication of SIR after Examiner action |
| 1251 110 | 2251 55 | Extension for reply within first month |
| 1252 410 | 2252 205 | Extension for reply within second month |
| 1253 930 | 2253 465 | Extension for reply within third month |
| 1254 1,450 | 2254 725 | Extension for reply within fourth month |
| 1255 1,970 | 2255 985 | Extension for reply within fifth month |
| 1401 320 | 2401 160 | Notice of Appeal |
| 1402 320 | 2402 160 | Filing a brief in support of an appeal |
| 1403 280 | 2403 140 | Request for oral hearing |
| 1451 1,510 | 1451 1,510 | Petition to institute a public use proceeding |
| 1452 110 | 2452 55 | Petition to revive - unavoidable |
| 1453 1,300 | 2453 650 | Petition to revive - unintentional |
| 1501 1,300 | 2501 650 | Utility issue fee (or reissue) |
| 1502 470 | 2502 235 | Design issue fee |
| 1503 630 | 2503 315 | Plant issue fee |
| 1460 130 | 1460 130 | Petitions to the Commissioner |
| 1807 50 | 1807 50 | Processing fee under 37 CFR 1.17(q) |
| 1806 180 | 1806 180 | Submission of Information Disclosure Stmt |
| 8021 40 | 8021 40 | Recording each patent assignment per property (times number of properties) |
| 1809 750 | 2809 375 | Filing a submission after final rejection (37 CFR 1.129(a)) |
| 1810 750 | 2810 375 | For each additional invention to be examined (37 CFR 1.129(b)) |
| 1801 750 | 2801 375 | Request for Continued Examination (RCE) |
| 1802 900 | 1802 900 | Request for expedited examination of a design application |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 150

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40**SUBMITTED BY**

(Complete if applicable)

| | | | | | |
|-------------------|------------------------|-----------------------------------|---------------|-----------|--|
| Name (Print/Type) | Lin Sun-Hoffman, Ph.D. | Registration No. (Attorney/Agent) | 47,983 | Telephone | |
| Signature | | Date | Jan. 15, 2003 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: GUEGLER, Karl et al.

Art Unit: 1646

Serial No.: 09/749,589

Examiner: ULM, John D.

Filed: December 28, 2000

Atty. Docket: CL000861

For: ISOLATED HUMAN TRANSPORTER PROTEINS,
NUCLEIC ACID MOLECULES ENCODING HUMAN
TRANSPORTER PROTEINS, AND USES THEREOF

Submission of Formal Drawings

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Attached are 24 sheets of formal drawings (Figs. 1A-1B, 2A-2D, and 3A-3R) for
the above-identified application.

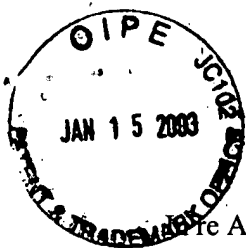
Respectfully submitted,

Date: January 15, 2003

By: 

Lin Sun-Hoffman, Reg. 47,983

Celera Genomics
45 West Gude Drive, C2-4#20
Rockville, MD 20850
Tel: 240-453-3067
Fax: 240-453-3084



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of: GUEGLER, Karl et al.

Art Unit: 1646

Serial No.: 09/749,589

Examiner: ULM, John D.

Filed: December 28, 2000

Atty. Docket: CL000861

For: ISOLATED HUMAN TRANSPORTER
PROTEINS, NUCLEIC ACID MOLECULES
ENCODING HUMAN TRANSPORTER PROTEINS,
AND USES THEREOF

**Submission Of Substitute Sequence Listing
Under 37 CFR § 1.821(a)**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Communication November 21, 2002, and in compliance with 37 C.F.R. § 1.84, applicants submit a Substitute Sequence Listing, including the paper copy of the Substitute Sequence Listing (12 pages) and the computer readable copy of the Substitute Sequence Listing. The Substitute Sequence Listing includes no new matter.

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the Substitute Sequence Listing and the computer readable copy of the Substitute Sequence Listing submitted herewith in the above application are the same.

It is respectfully believed that this application complies with the Sequence Listing requirements and is now in condition for processing.

Respectfully submitted,

Date: January 15, 2003

By: 

Lin Sun-Hoffman, Reg. 47,983

Celera Genomics Corporation
45 West Gude Drive, C2-4#20
Rockville, MD 20850
Tel: 240-453-3812
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JAN 21 2003

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